

Amendments to the Claims

The claims are amended as shown on the following pages under the heading "LIST OF CURRENT CLAIMS". The listing of claims supersedes all prior claim listings presented in this application and shows the current status of all claims in the application as well as currently proposed amendments. Any cancellation of claims is made without prejudice or disclaimer and Applicant reserves all rights with regard to the original disclosed and claimed subject matter.

LIST OF CURRENT CLAIMS

1. (Currently Amended) An apparatus for checking bank notes including a semiconductor array which scans the bank notes to be checked, the semiconductor array comprising ~~being formed by~~ at least two parallel spaced, linear semiconductor arrays, and wherein the bank notes are moved for the check past the semiconductor arrays ~~array~~ and illuminated by a light source ~~(2)~~, comprising:

the at least two parallel spaced linear semiconductor arrays each comprise ~~are formed by~~ at least three successive layers which are maximally sensitive to light of different wavelengths, including a first linear semiconductor array arranged to scan the bank notes in a defined range of sensitivity of the semiconductor, and a second linear semiconductor array arranged to scan the bank notes in a sensitivity spectrum range different therefrom, for which purpose at least the second linear semiconductor array has a filter which passes only a part of the spectrum.

2. (Currently Amended) The apparatus according to claim 1, wherein the first semiconductor array is sensitive to the total spectrum, and the ~~second semiconductor array is provided with a filter~~ of the second filter array ~~which~~ passes only the invisible part of the spectrum.

3. (Currently Amended) The apparatus according to claim 1, wherein the first semiconductor array is sensitive to the total spectrum, and the filter of the second semiconductor array is provided with a filter which passes only the visible part of the spectrum but blocks the invisible part.

4. (Currently Amended) The apparatus according to claim 1, wherein the first semiconductor array is provided with a filter which passes only the visible part of the spectrum, and the filter of the second semiconductor array ~~is provided with a filter which~~ passes only an invisible part of the spectrum.

5. (Previously Presented) The apparatus according to any one of claims 2 to 4, wherein the invisible part of the spectrum is in the infrared range.

6. (Currently Amended) The apparatus according to any one of claims 2 to [[5]] 4, wherein the invisible part of the spectrum is in the ultraviolet range.
7. (Previously Presented) The apparatus according to claim 1, including a control and evaluation device which is arranged to process and evaluate signals from the two semiconductor arrays in order to produce a three-color image and at least one image in the range of invisible light from the signals of the layers of the two linear semiconductor arrays by a combination of the signals for each bank note to be checked.
8. (Previously Presented) The apparatus according to claim 1, wherein the semiconductor array and the light source are disposed on at least one of the same side and different sides of the bank note.
9. (Previously Presented) The apparatus according to claim 1, wherein the two linear semiconductor arrays are located on a single substrate.
10. (Previously Presented) The apparatus according to claim 1, wherein the two semiconductor arrays are made of silicon.